



Re: Fw: Sept air sampling back on ? 

Margo Young to: Scott Downey

08/25/2011 03:35 PM

History: This message has been replied to.

Hey Scott - Peter G. is out until after Labor Day unfortunately. If this is a go for this FY, Matthew Davis said he would help make something happen, but won't be in the office on Monday. He will need to work through the deputy, Khesha Reed.

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Scott Downey

Sigh. *****

08/25/2011 08:08:28 AM

From: Scott Downey/R10/USEPA/US
To: "Margo Young" <Young.Margo@epamail.epa.gov>
Date: 08/25/2011 08:08 AM
Subject: Fw: Sept air sampling back on?

Sigh.

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Elizabeth Allen

----- Original Message -----

From: Elizabeth Allen
Sent: 08/25/2011 07:55 AM PDT
To: Scott Downey
Subject: Sept air sampling back on?

Hi Scott,

in my continuing research, I've managed to find a commercial source of passive samplers that use PDMS as the membrane separating the XAD resin from air. PDMS is polydimethylsiloxane, and is what lines the columns on gas chromatographs. It's not sensitive to moisture, and since we know how "soluble" each of the target compounds are in the PDMS, calculating the sampling rate should be straightforward. I'm going to have another conversation with Brian Boling today, and also contact the person at the Univ of Waterloo that developed the things. Lets wait until tomorrow to make a final decision. I'll recommend we proceed only if this turns out to be fairly straightforward, otherwise, we can wait until spring and make sure we've all the little details worked out.

Elizabeth